

GENERAL NOTES:

1. REFER TO SHEET GI-003 FOR LEGEND AND GENERAL NOTES.

STANDARD STABILIZATION NOTE

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND SEVEN (7) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

NOTE TO CONTRACTOR

1. ALL EROSION AND SEDIMENT CONTROL REGULATIONS SHALL BE STRICTLY ENFORCED FOR THE DURATION OF THIS PROJECT.
2. NO DISTURBED AREAS SHALL BE LEFT UNSTABILIZED OVERNIGHT UNLESS RUNOFF IS DIRECTED TO A STAND ALONE MDE APPROVED SEDIMENT CONTROL DEVICE.
3. SAME DAY STABILIZATION - THE WORK IN AREAS DESIGNATED AS "SAME DAY STABILIZATION" SHALL BE STABILIZED IMMEDIATELY. NO MORE AREA SHALL BE DISTURBED THAN CAN BE STABILIZED BY THE END OF THE WORKDAY. DISTURBED AREAS THAT DO NOT DRAIN TO A SEDIMENT CONTROL DEVICE SHALL BE STABILIZED BY THE END OF THE WORKDAY. NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED OVERNIGHT UNLESS THE RUNOFF IS DIRECTED TO AN MDE APPROVED SEDIMENT CONTROL DEVICE.

MDE NUMBER #21-SF-0064

CLEARING AND GRUBBING LOCATED BETWEEN DIVERSION FENCE AND LOD SHALL BE COMPLETED DURING NOAA 3-DAY DRY-WEATHER FORECAST AND STABILIZED IMMEDIATELY.

DIVERSION FENCE #1-6  
SLOPE = 2.63%  
Q = 1.51 cfs V = 2.56 fps  
AREA = 0.49 AC  
LENGTH = 380'

STAGE 0: SD4 - INSTALL TEMPORARY GRATE INLET IN SUMP-TOP AT ELEV. 252.00

DIVERSION FENCE #1-10  
SLOPE = 3.95%  
Q = 0.83 cfs V = 2.59 fps  
AREA = 0.27 AC  
LENGTH = 76'

DIVERSION FENCE #1-11  
SLOPE = 4.32%  
Q = 0.31 cfs V = 2.09 fps  
AREA = 0.10 AC  
LENGTH = 81'

DIVERSION FENCE #1-18  
SLOPE = 6.58%  
Q = 0.03 cfs V = 1.41 fps  
AREA = 0.01 AC  
LENGTH = 38'

DIVERSION FENCE #1-20  
SLOPE = 5.0%  
Q = 8.63 cfs V = 5.08 fps  
AREA = 2.83 AC  
LENGTH = 100'

SAME DAY STABILIZATION REQUIRED FOR FENCE INSTALLATION

STAGE 1: SD4 - INSTALL TEMPORARY GRATE INLET IN SUMP-TOP AT ELEV. 251.00

DIVERSION FENCE #1-7  
SLOPE = 3.1%  
Q = 0.28 cfs V = 1.2 fps  
AREA = 1.07 AC  
LENGTH = 290'

DIVERSION FENCE #1-8  
SLOPE = 10.00%  
Q = 0.59 cfs V = 3.38 fps  
AREA = 0.19 AC  
LENGTH = 160'

SD 7: STAGE 1 - PROVIDE TEMPORARY MANHOLE FRAME TO MATCH EXISTING GRADE (ELEVATION 239.59)

ROP TYPE II  
LENGTH = 29 FT  
WIDTH = 34 FT  
THICKNESS = 1.6 FT  
CLASS I RIPRAP

TEMPORARY SWALE - 1  
DA = 9.53 AC  
BOTTOM WIDTH = 2 FT  
DEPTH = 3 FT  
Q2 = 28.41 CFS  
V2 = 3.83 FPS

SEDIMENT TRAP - 20  
(STD MD ST II TYPE)  
STG1 DA = 9.86 AC  
WEIR ELEV. 228.50

SEDIMENT TRAP - 21  
(STD MD ST II TYPE)  
STG 1 DA = 3.96 AC  
WEIR ELEV. 234.50

GABION INFLOW PROTECTION  
STAGE 0 TO REMAIN

S.SILT FENCE  
AVG SLOPE = 5%  
MAX SLOPE LENGTH = 50'  
SF LENGTH = 45'

GABION INFLOW PROTECTION  
LENGTH = 28 FT  
BOTTOM WIDTH = 6 FT

BAFFLE BOARD - 1  
BAFFLE BOARD - 2  
BIRD PROTECTION NETTING

TSSMS - 2.5 LB/FT<sup>2</sup>

WICK DRAIN AND PRE-CONSOLIDATION AREA  
PHASE 1A

KEYNOTES:

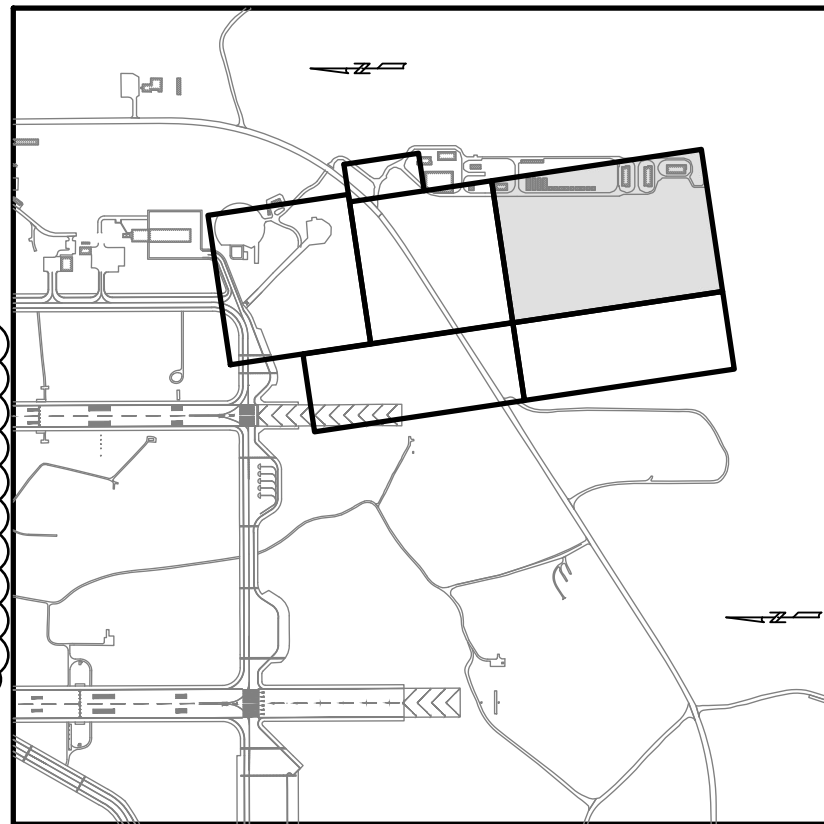
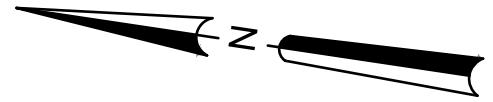
- ① INSTALL PHASE 1A VIBRATING WIRE PIEZOMETER.
- ② INSTALL PHASE 1A SETTLEMENT PLATE.
- ③ INSTALL PHASE 1A INCLINOMETER.

ESC KEYNOTES:

- ① REMOVE STAGE 0 DIVERSION FENCE/S.SILT FENCE/TGOS/MOUNTABLE BERMS FOLLOWING THE INSTALLATION OF SEDIMENT TRAP ST-20 AND TEMPORARY SWALE - 1. AUTHORIZATION FROM MDE INSPECTOR IS REQUIRED PRIOR TO THE REMOVAL OF ESC DEVICE.

LEGEND

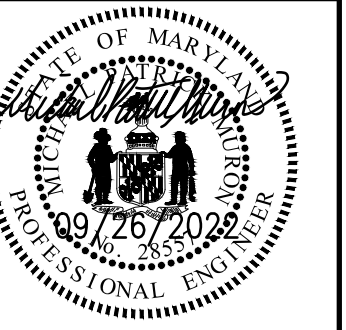
- WICK DRAIN/PRE-CONSOLIDATION PHASE 1A AREA
- SETTLEMENT PLATE
- VIBRATING WIRE PIEZOMETER
- INCLINOMETER



1"=50' 0' 50' 100' 150' 200' 250'

KEY PLAN

REV	DATE	DESCRIPTION	BY	APP
1	04/01/2023	AMENDMENT 0004		
0		ISSUE FOR CONSTRUCTION		



WileyWilson Burns & McDonnell  
JOINT VENTURE

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES DATE CHK

PHOTO

BRANCH MANAGER

CHIEF ENGINEER

PRE PROTECTION

DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING COMMAND

WASHINGTON DC

WASHINGTON NAVY YARD

CAMP SPRINGS, MD

JOINT BASE ANDREWS NAVAL AIR FACILITY

P-3002 RELOCATE HAZARDOUS CARGO

PAD AND EOD PROFICIENCY RANGE

STAGE 1A EROSION & SEDIMENT CONTROL PLAN

SCALE: AS NOTED

PROJECT NO.: 1396650

CONSTR. CONTR. NO. N40080-22-R-8580

NAVFAC DRAWING NO. 13140364

SHEET 94 OF 229

CG-103A

DRAWING REVISION: 06 APRIL 2017